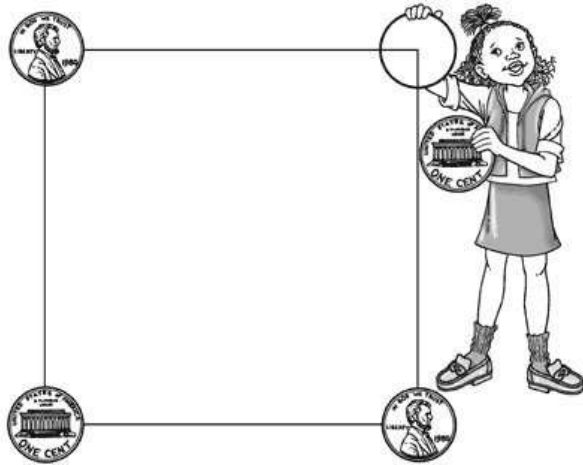


10.Aug.17

Period 1 Pre-AP, Please find your seat

Draw the following on a blank sheet of paper (10cm x10cm):



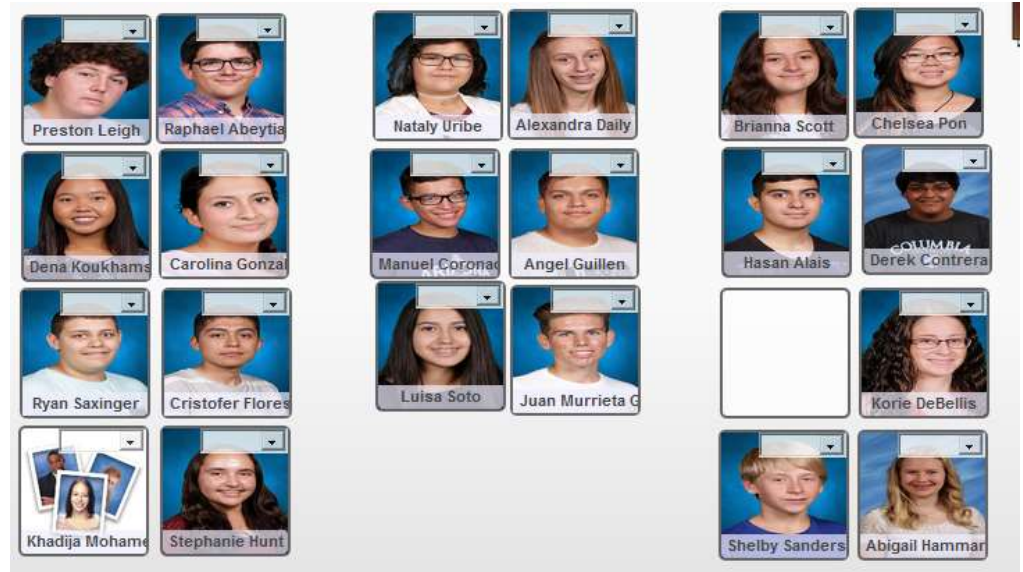
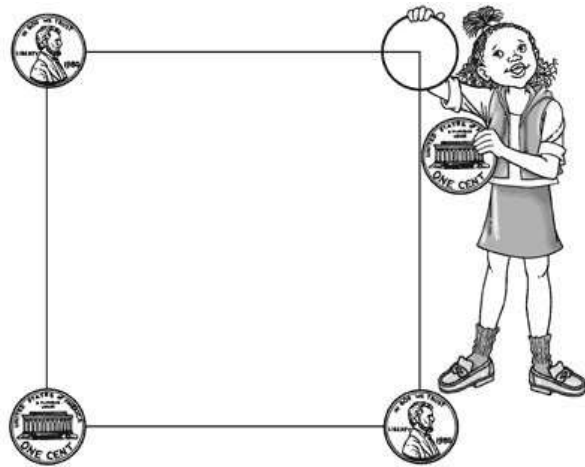
Front of Room



Place four pennies at the vertices of the square you drew. The sides of this square are about 10 cm long, when measured from the centers of the coins. Your challenge is to move only two (2) coins so that you form another square that is smaller. This new square has sides that are about 7 cm long. Sketch your solution on your bell work.

10.Aug.17

Period 2 Pre-AP, Please find your seat
Draw the following on a blank
sheet of paper (10cm x10cm):



Place four pennies at the vertices of the square you drew. The sides of this square are about 10 cm long, when measured from the centers of the coins. Your challenge is to move only two (2) coins so that you form another square that is smaller. This new square has sides that are about 7 cm long. Sketch your solution on your bell work.

EQ (essential questions)

Agenda

A few classroom procedures

Problem solving Activity

Chemistry Demo

Objective

You will begin to understand what your chemistry class will involve and learn about your peers

Quick Logistics

Bathroom Policy

Tardy/ Absence policy

Bathroom Policy

You can go to the bathroom whenever you NEED to go...

But, you need to ask Mr. Golden

Do not abuse the privilege or you will lose potty time



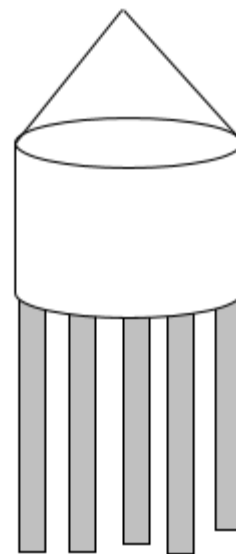
About Me

Yes, we are going to start the year with you
teaching me about you 😊

Element Wind Sock

Required information:

- Name of Element Group
- Characteristics all elements in that group share
- List all the elements in that group (symbols must be used)
- For all the elements in that group you must list:
 - Atomic number
 - State of Matter
 - Physical Description (color, etc.)
 - Most common oxidation state (charge)
 - Melting Point
 - Boiling Point
 - Density
 - Three (3) Uses



Bell Work: 11-Aug-2017, Pre - AP

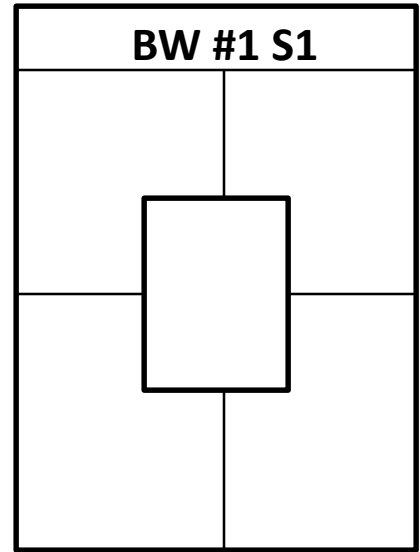
On the same paper you used to solve the square penny yesterday...

What are some tools you have right now for analyzing a chemical reaction? List at least three (3)

Analyze: to examine carefully and in detail so as to identify causes, key factors, possible results, etc.

Bell Work

14-Aug-2017



What do you do if you are tardy for class?

What type of calculator should you have for this class?

Write the chemical symbol for chromium and its atomic number?

Convert 5ft into cm, knowing that 1ft =12in and 1in =2.54cm

Essential Question

Speaking Metaphorically, at the end of the day who is responsible for your education and what is achieved during it?

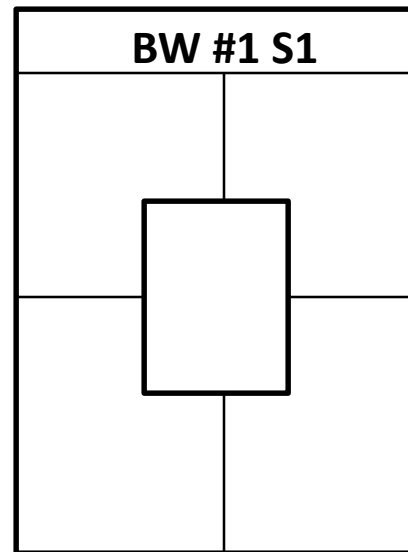
Agenda

Wind Socks

Demo Blue and Gold

Bell Work

16-Aug-2017



What does chemistry mean to you? Please give the following:

- An example of chemistry in your life
- How chemistry has made your life easier
- A definition of chemistry in your own words

How many dozen (dz) eggs are needed to make 12 muffins?

What about 15.5 muffins? (hint cross out units first)

$$\frac{12\text{muffins}}{1} \times \frac{1\text{batch}}{18\text{muffin}} \times \frac{200\text{blueberrie}}{3\text{batch}} \times \frac{6\text{eggs}}{70\text{blueberries}} \times \frac{1\text{dz}}{12\text{eggs}} =$$

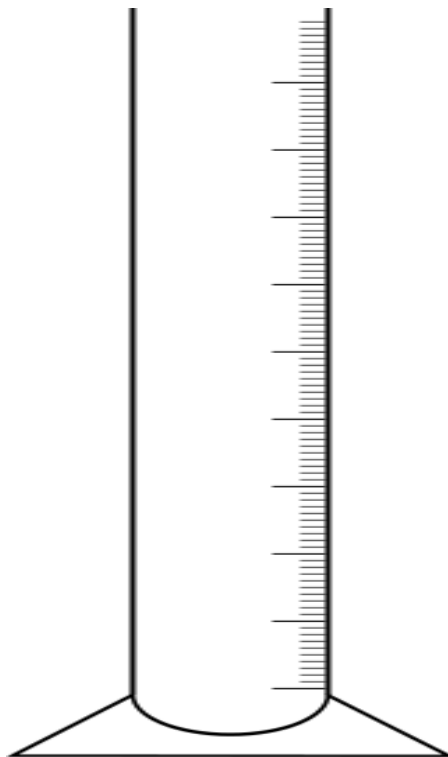
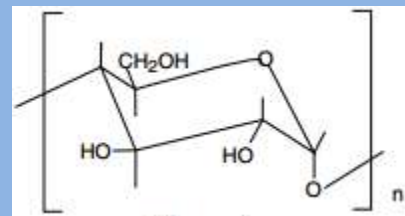
Agenda

Finish Lab Safety

Objective

You will know prepare for your safety quiz and know where important feature of the lab are located

Briggs-Rauscher Oscillating Color Change Rxn



Bell Work

17-Aug-2017

I. Draw a map of the lab and identify the locations of ...

- a. Eye wash station
- b. Safety shower
- c. Fire blanket
- d. Emergency electrical shut off switches
- e. All exits
- f. Fire extinguisher

II. Little Ms. Caballera went to the gas station for a treat. She only had a certain amount of money to spend. In terms of price, she figured out the following conversion factors:

4 lollipops = 5 gumballs

9 gumballs = 8 lemonheads

16 lemonheads = 15 redhots

If Little Ms. Caballero knows she could buy 12 lollipops, how many redhots could she buy for the same amount of money?

$$\frac{12 \text{ lollipops}}{1} \times \frac{5 \text{ gumballs}}{4 \text{ lollipops}} \times \frac{8 \text{ lemonheads}}{9 \text{ gumballs}} \times \frac{15 \text{ readhots}}{16 \text{ lemonheads}}$$

Essential Question

Speaking Metaphorically, at the end of the day who is responsible for your education and what is achieved during it?

Agenda

Lab Safety

So you think you can google

The Class Web Site

Auenchemistry home Edit

Please go to URL link below for the class you are enrolled in for class specific information and content. Study tables ??? Room S9

No More Late Work

Pre-AP Chemistry: <http://fwhspreapchem.wikispaces.com/>

AP Chemistry: <http://fwhsapchem.wikispaces.com/>

Engineering/ ENGR 102 HS [Engineering](#)

Not this year. } Chemistry 1-2: <http://fwhschem1-2golden.wikispaces.com/>

Code, Arduino, Additive manufacturing/ rapid prototyping/ 3D Printing, Hacker/ Maker Dojo: Coming Soon!

Study tables Monday-Thursday ??? Room S9

Use the menu to the left to access additional pages with helpful sites and other interesting chemistry related content/ links.

Accessing School Email Accounts:

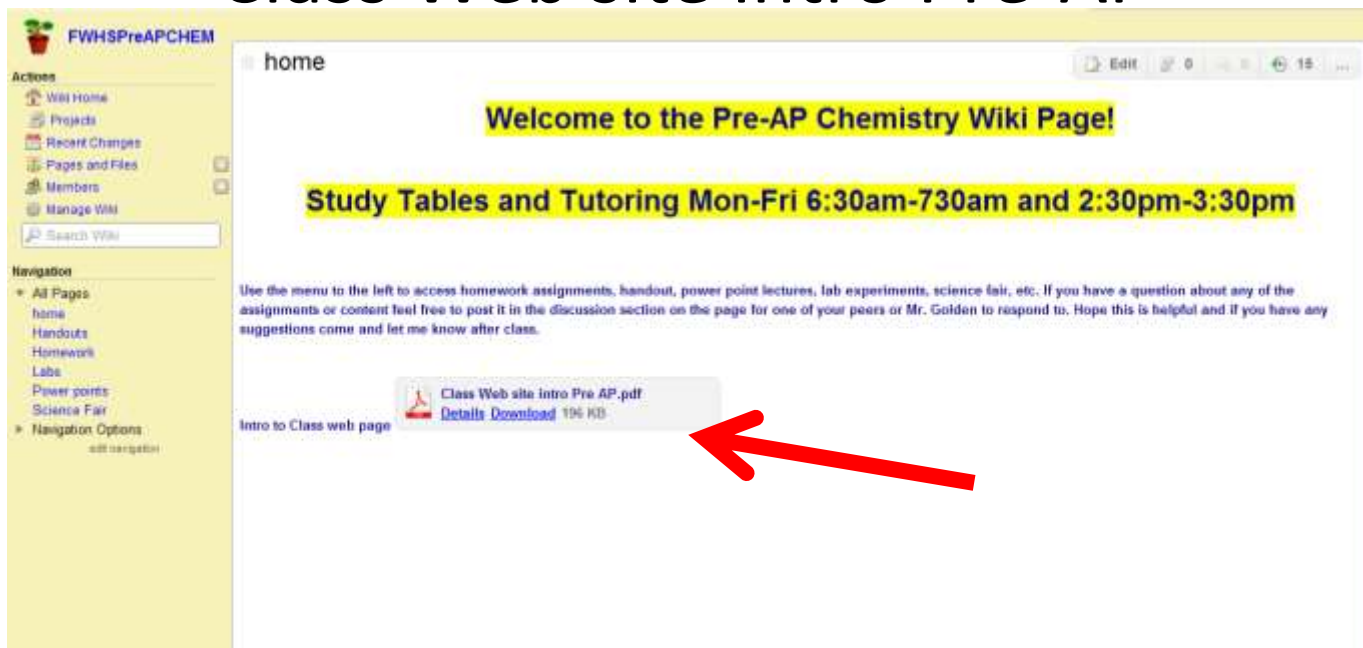
The Class Web Site

Click on the link for the Pre AP site

<http://fwhspreapchem.wikispaces.com/>

once there open up the file

“Class Web site intro Pre-AP”



The screenshot shows the 'home' page of the 'FWHSPreAPCHEM' wiki. The left sidebar contains 'Actions' (Wiki Home, Projects, Recent Changes, Pages and Files, Members, Manage Wiki, Search Wiki) and 'Navigation' (All Pages, Home, Handouts, Homework, Labs, Power points, Science Fair, Navigation Options). The main content area has a 'home' tab, a 'Welcome to the Pre-AP Chemistry Wiki Page!' message, and a 'Study Tables and Tutoring Mon-Fri 6:30am-730am and 2:30pm-3:30pm' announcement. Below this is a paragraph about using the menu and a discussion section. At the bottom, there is a file upload section with a red arrow pointing to a file named 'Class Web site intro Pre AP.pdf' (196 KB). The file has links for 'Details' and 'Download'.

FWHSPreAPCHEM

home

Welcome to the Pre-AP Chemistry Wiki Page!

Study Tables and Tutoring Mon-Fri 6:30am-730am and 2:30pm-3:30pm

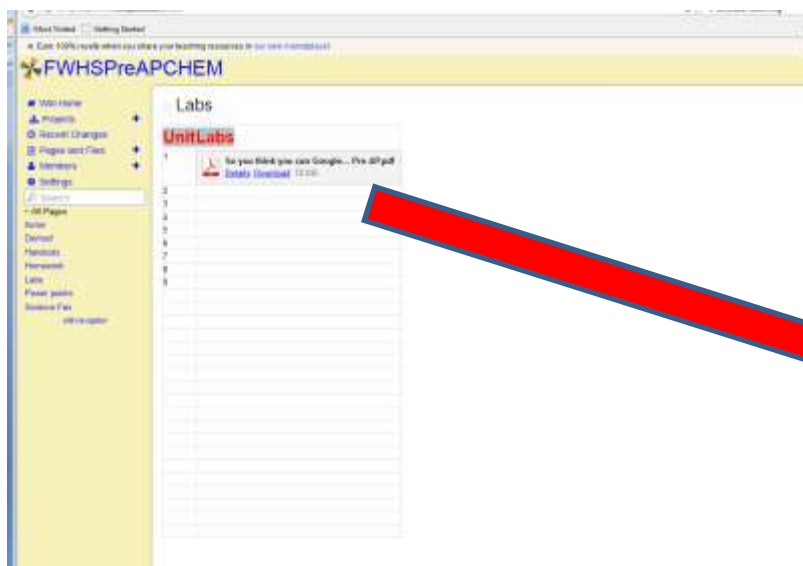
Use the menu to the left to access homework assignments, handout, power point lectures, lab experiments, science fair, etc. If you have a question about any of the assignments or content feel free to post it in the discussion section on the page for one of your peers or Mr. Golden to respond to. Hope this is helpful and if you have any suggestions come and let me know after class.

Class Web site intro Pre AP.pdf
Details Download 196 KB

Intro to Class web page

So You Think You Can Google... Day 1

Go to the Labs page (see left panel). In the Labs section open the pdf. file “So you think you can Google”



Essential Questions

If a student completes everything their teacher asks of them, homework, extra studying, participation in class, etc, should they be guaranteed a grade of A or B? Why?

User name: XXXX.YYYY

Bell Work

X first name, Y last name

(ex: cristy.chemistry)

18-Aug-2016 Pre - AP

PW: FW12345!

No talking (or you get a zero on the quiz😊)

Go to a computer in the lab (all you need is a pencil, blank sheet of paper and your scientific calculator)

**Complete the safety quiz when you finish
please flip it over**

Then...

Log on to a computer and go to the schools web page

www.fwhs.flowingwellsschools.org → *The Cab Way* → *Our Staff* →

Click on the web page link for Mr. Golden → *Open Pre AP page.*

Write down the different pages on the Pre AP class website and the time for study tables

Essential Questions

If a student completes everything their teacher asks of them, homework, extra studying, participation in class, etc, should they be guaranteed a grade of A or B? Why?

Agenda

Lab Safety Quiz

Student Login to Office 365

So you Think You Can Google

Office 365

Once you are logged into the internet, search for “ Office 365 login” or follow the instructions below.

1. In a web browser (Chrome, Firefox, etc.) go to <http://office.portal.com/>
2. Enter your Office 365 sign-in: firstname.lastname@fwusd.org
3. Enter your password (example FW1245)

This will work from any computer that has internet access. Yes you can now use office products at home for free (legally!)

So You Think You Can Google... Day 1

Go to the Labs page (see left panel). In the Labs section open the pdf. file “So you think you can Google”

